

# SCIENCE

# And Technology Program



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The upper Sacramento River is critically important to salmon reproduction and early growth. A compilation of information on food web dynamics in this section of river is necessary to identify potential ecosystem restoration needs and gain a better understanding of the effects of water management on salmon.

The project objectives are to: (1) synthesize available information on the food web of the upper Sacramento River; (2) gather preliminary data on invertebrate drift; (3) identify gaps in our knowledge and identify potentially important linkages that may deserve closer attention; and (4) sample aquatic invertebrate drift in the river to determine the seasonal magnitude and variability within specific habitats. This will provide information on the potential value of habitats to juvenile chinook salmon (*Oncorhynchus tshawytscha*) and other fish, as well as identify important food web linkages.

Humbolt State University, U.S. Geologic Survey, and California Department of Fish and Game.

